## CLAIMS

1. A selection actuator in which a plurality of control magnetic poles controlled with coils are disposed close to each other on the upstream side and downstream side and a knitting member of a knitting machine is selected by said control magnetic poles, wherein

control means is provided for controlling independently said control magnetic poles on the upstream side and said control magnetic poles on the downstream side based on the position of the knitting member that is a selection object.

2. The selection actuator according to claim 1, wherein a width in which said knitting member is selected by any of said upstream control magnetic poles and said downstream control magnetic poles is 80% or more of an arrangement pitch of the knitting members in the knitting machine, when calculated as a range of positions of the knitting members with respect to the control magnetic poles.

3. The selection actuator according to claim 1, wherein magnetic cores of said upstream and downstream control magnetic poles have linear shapes, said coils are wound about the magnetic cores, and the upper sections of said magnetic cores are bent along the longitudinal direction of the selection actuator so that the distal ends of said magnetic cores face each other via a short spacing and serve as said upstream and downstream control magnetic poles.

4. The selection actuator according to claim 3, wherein said magnetic cores comprise laminates of a plurality of oriented silicon steel strips, the thickness of the control magnetic poles is made less than the thickness of magnetic cores inside the coils by reducing

the number of laminated silicon steel strips in the portions of said control magnetic poles, and the width of said control magnetic poles in the short-side direction of the selection actuator is made larger than the width of the magnetic cores inside the coils in the same direction.

5. The selection actuator according to claim 1, wherein a gap is provided between a N pole and a S pole of each of said control magnetic poles, and the position of said gap is shifted along the short-side direction of the selection actuator in the upstream control magnetic poles and the downstream control magnetic poles.

6. The selection actuator according to claim 1, wherein magnetic attraction of the knitting member by the control magnetic poles is canceled and the knitting member is released from the selection actuator by energizing the coils, left and right fixed magnetic poles are disposed along the longitudinal direction of the selection actuator on both outer sides of said upstream control magnetic poles and downstream control magnetic poles, and the polarities of said left and right fixed magnetic poles are inverted with respect to each other.